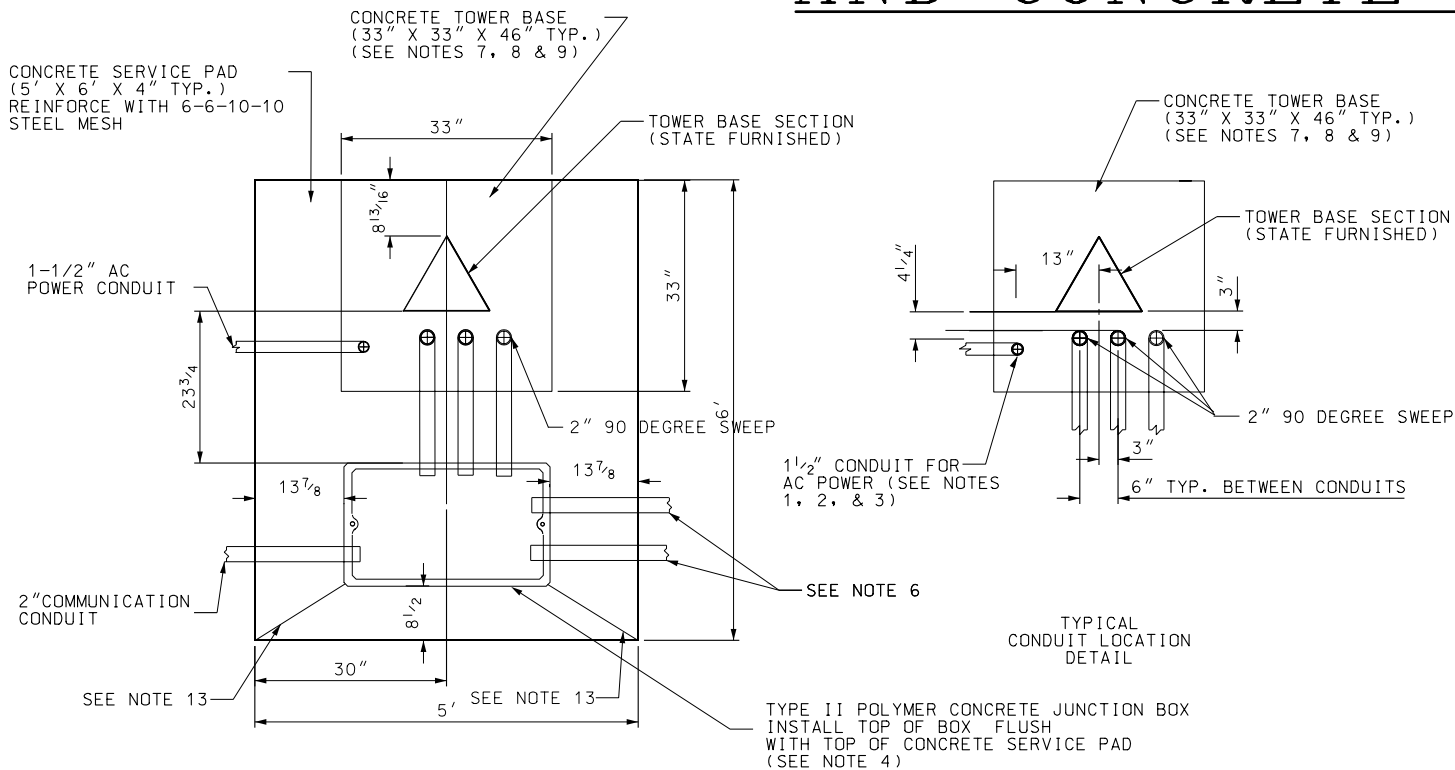
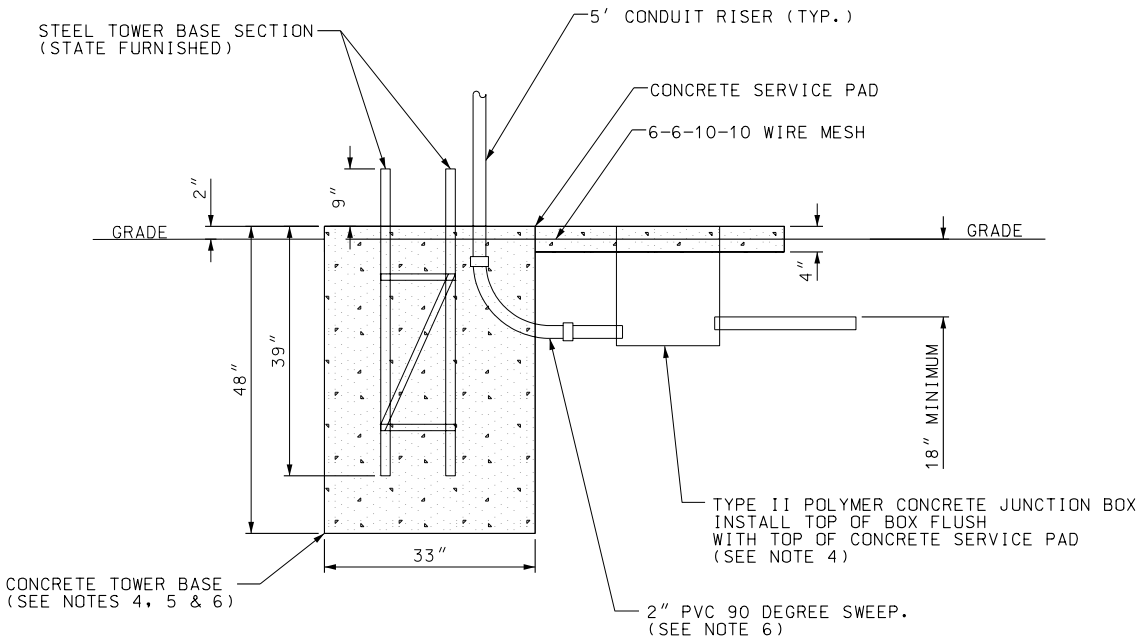


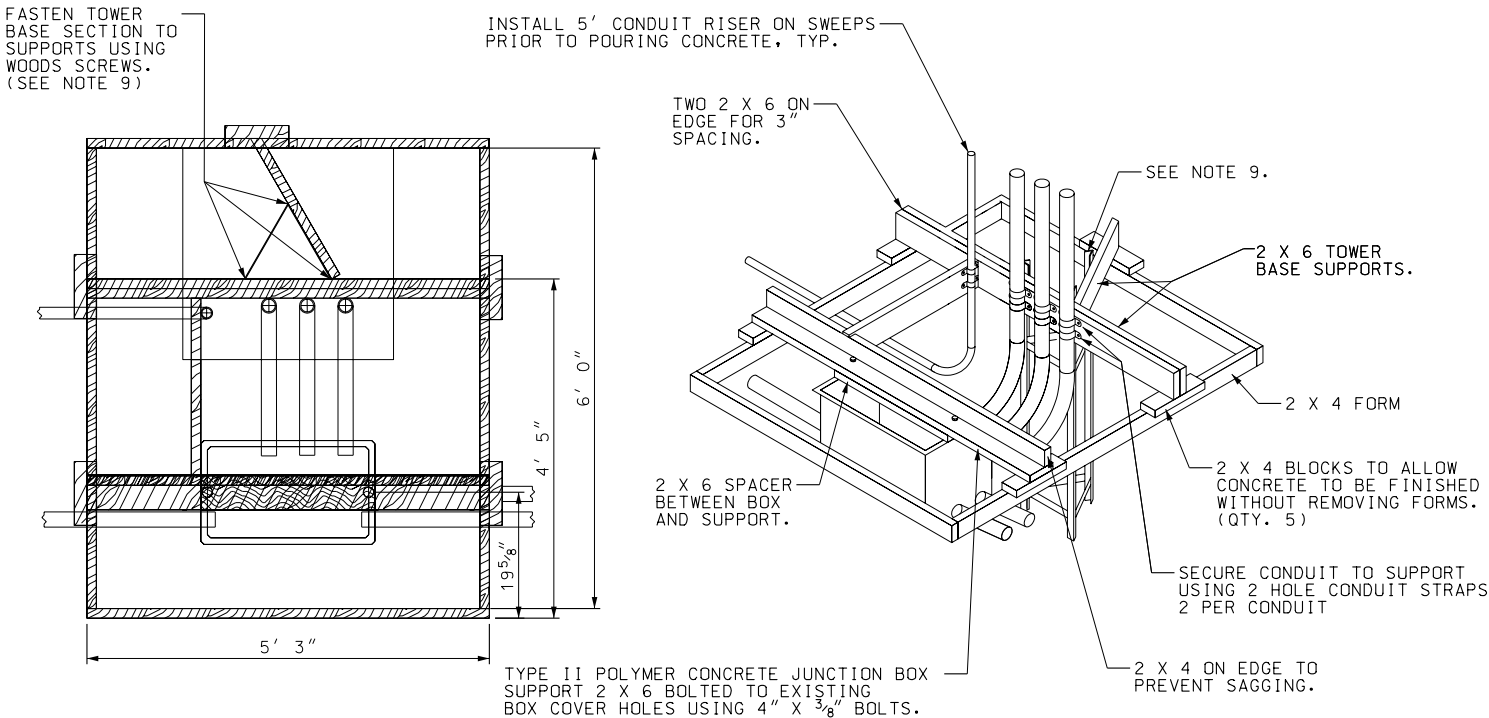
RPU TOWER BASE AND SERVICE PAD LAYOUT
AND CONCRETE FORMING DETAILS



RPU TOWER BASE &
SERVICE PAD INSTALLATION DETAIL



RPU TOWER BASE &
SERVICE PAD INSTALLATION DETAIL
(LEFT SIDE VIEW)



RPU TOWER BASE & SERVICE PAD CONCRETE FORM DETAIL

- NOTES:
1. USE SCHEDULE 40 PVC.CONDUIT
 2. STUB OUT 1 1/2" POWER SERVICE INTO TYPE I POLYMER CONCRETE JUNCTION BOX.
 3. CONDUIT LOCATIONS SHOWN ARE FOR A SQUARE D TYPE D SAFETY SWITCH, CATALOG # D221NRB.
 4. INSTALL POLYMER CONCRETE JUNCTION BOXES AS PER STD DWG #AT 7.
 5. INSTALL ALL CONDUITS IN TOWER BASE CONCRETE TO PERMIT CONTINUATION TO RPU ENCLOSURE.
 6. STUB OUT 2" CONDUIT FROM POLYMER CONCRETE JUNCTION BOX TO BEYOND SERVICE PAD FOR SENSOR CABLES. ORIENT TOWARD NEXT JUNCTION BOX AS APPROPRIATE.
 7. CONCRETE, MINIMUM CLASS AA(AE).
 8. ALL SENSOR CABLES INSTALLED TO POLYMER CONCRETE JUNCTION BOX AND PULLED THROUGH 2" 90 DEGREE SWEEP INTO RPU ENCLOSURE.
 9. LEVEL THE TOP OF THE TOWER BASE SECTION TO ASSURE A STRAIGHT AND PLUMB TOWER INSTALLATION. THE TOP OF THE TOWER BASE MUST BE 9" ABOVE THE CONCRETE PAD.
 10. FINISH CONCRETE TO DRAIN WATER.
 11. THE FORM DETAIL SHOWN IS TYPICAL FOR A FLAT SURFACE INSTALLATION. MODIFY AS APPROPRIATE FOR FIELD CONDITIONS.
 12. CONTRACTOR IS RESPONSIBLE FOR INCORRECTLY INSTALLED OR DAMAGED STATE FURNISHED EQUIPMENT AND MATERIALS.
 13. WHEN FINISHING CONCRETE SCORE A LINE FROM THE CORNER OF THE BOX TO THE CORNER OF THE CONCRETE FOR AN EXPANSION JOINT.

REVISONS		10/09/03 S.S. NEW SHEET		NO.		DATE		APPR.		REMARKS	
1											
UTAH DEPARTMENT OF TRANSPORTATION											
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION											
SALT LAKE CITY, UTAH											
RECOMMENDED FOR APPROVAL											
CHAIRMAN STANDARDS COMMITTEE											
DEPUTY DIRECTOR											
OCT.30.2003 DATE											
OCT.30.2003 DATE											
RPU TOWER BASE AND SERVICE PAD LAYOUT											
STANDARD DRAWING TITLE											
STD. DWG. NO.											
AT 16											